

**CMP ARLES**Constructions Métalliques  
et Préfabrication d'Arles

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Dossier CMP Arles : 783

Page/Sheet 1/13

Client / Customer : AIR LIQUIDE AGS GmbH

Engineered System N° :

# 1 RESERVOIR DE STOCKAGE LIN 1000MT

## 1 X 1000MT LIN STORAGE TANK

### ITEM B 72001

## RESERVOIR INTERIEUR

### INNER VESSEL

3		14/04/05	HONNONS	<del>14/04/05</del>	14/04/05	HULIN	<i>Wh</i>	14/04/05	LEBOUCQ	<i>LM</i>	
1		27/07/04	DUPRESSOIR		27/07/04	HULIN		27/07/04	LEBOUCQ		
EDITION EDITION N°	REFERENCE CLIENT REF.	DATE	NOM NAME	SIGN.	DATE	NOM NAME	SIGN.	DATE	NOM NAME	SIGN.	ETAT D'AVANC. STATUS
			REDACTEUR DRAWN UP BY		VERIFICATEUR CHECKED BY			APPROBATEUR APPROVED BY			

Projet : **ASU No.9 KOSICE**  
ProjectClassement CMP Arles :  
CMP Arles document N°**783-103**

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**Dossier CMP Arles : 783**

Page/Sheet 2/13

**Client / Customer : AIR LIQUIDE AGS GmbH****Plan N° : 783-103****INDICE DE REVISION: 0/A/B/ / / / /**

revision number

Page	DESIGNATION <i>description</i>	INDICE DE REVISION									
		<i>revision number</i>									
		0	A	B	C	D	E	F	G	H	
1	Front page	1	2	3							
2	List of current revisions / subject of modifications	1	2	3							
3	Elevation	1									
4	Bottom : plan view	1	2	3							
5	Roof : plan view	1	2								
6	Details	1									
7	Details	1									
8	Details	1									
9	Longitudinal welds orientations	1									
10	WPS table	1	2								
11	Part list / packing list	1									
12	Part list / packing list	1	2								
13	Part list / packing list	1	2	3							

**OBJET DES MODIFICATIONS**

Subject of modifications

INDICE DE L'EDITION Edition N°	OBJET DE LA MODIFICATION Subject of the modification
1	Première diffusion / First issue
2	Added hole for liquid inlet nozzle
3	Added item 4.7 in partlist

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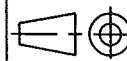
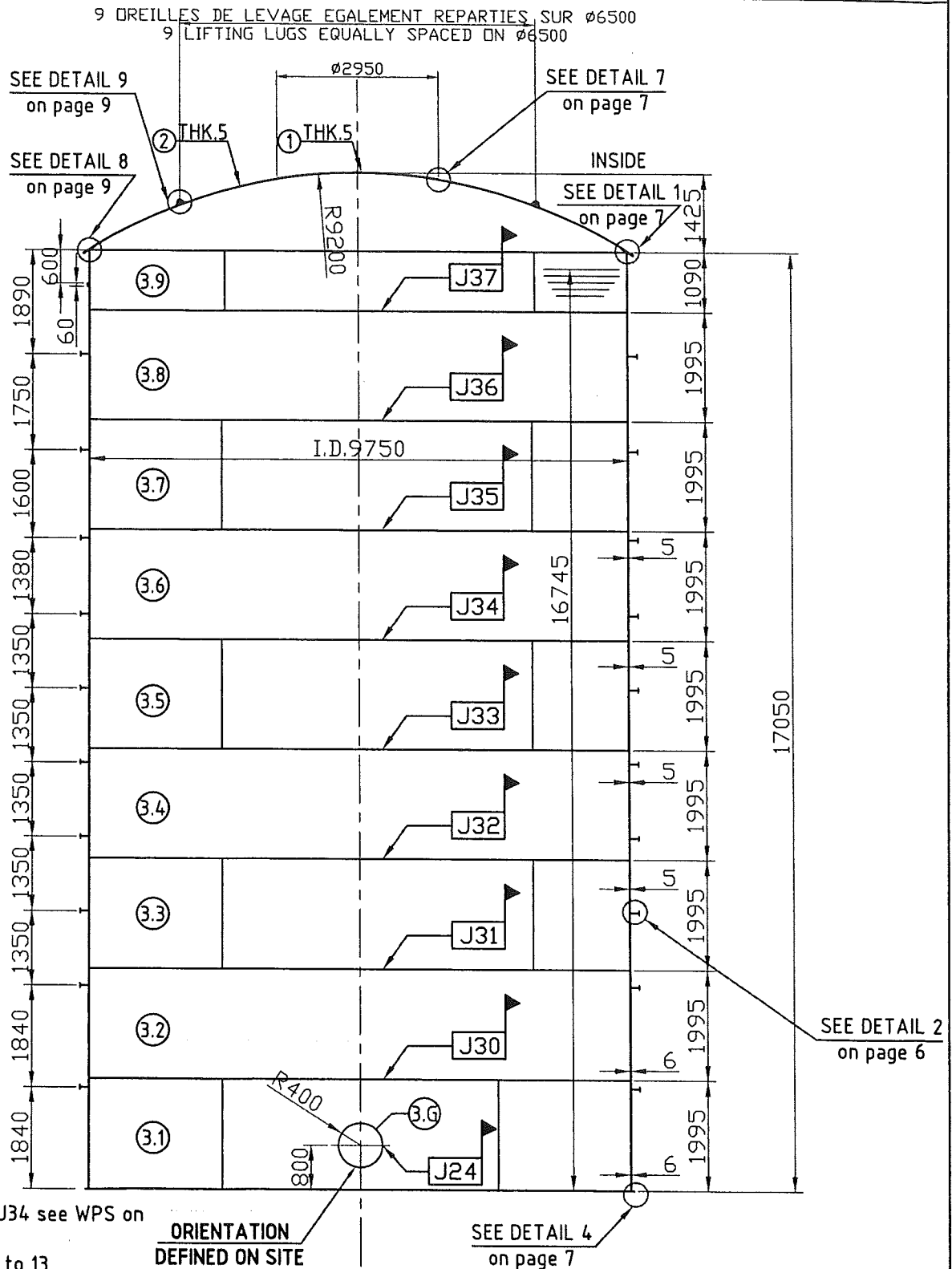
**Dossier CMP Arles : 783**

Page/Sheet 3/13

**Client / Customer : AIR LIQUIDE AGS GmbH**

Engineered System N° :

Rev 0

**Plan N° : 783-103****INNER VESSEL****ELEVATION**Echelle/Scale  
1/110

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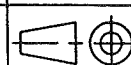
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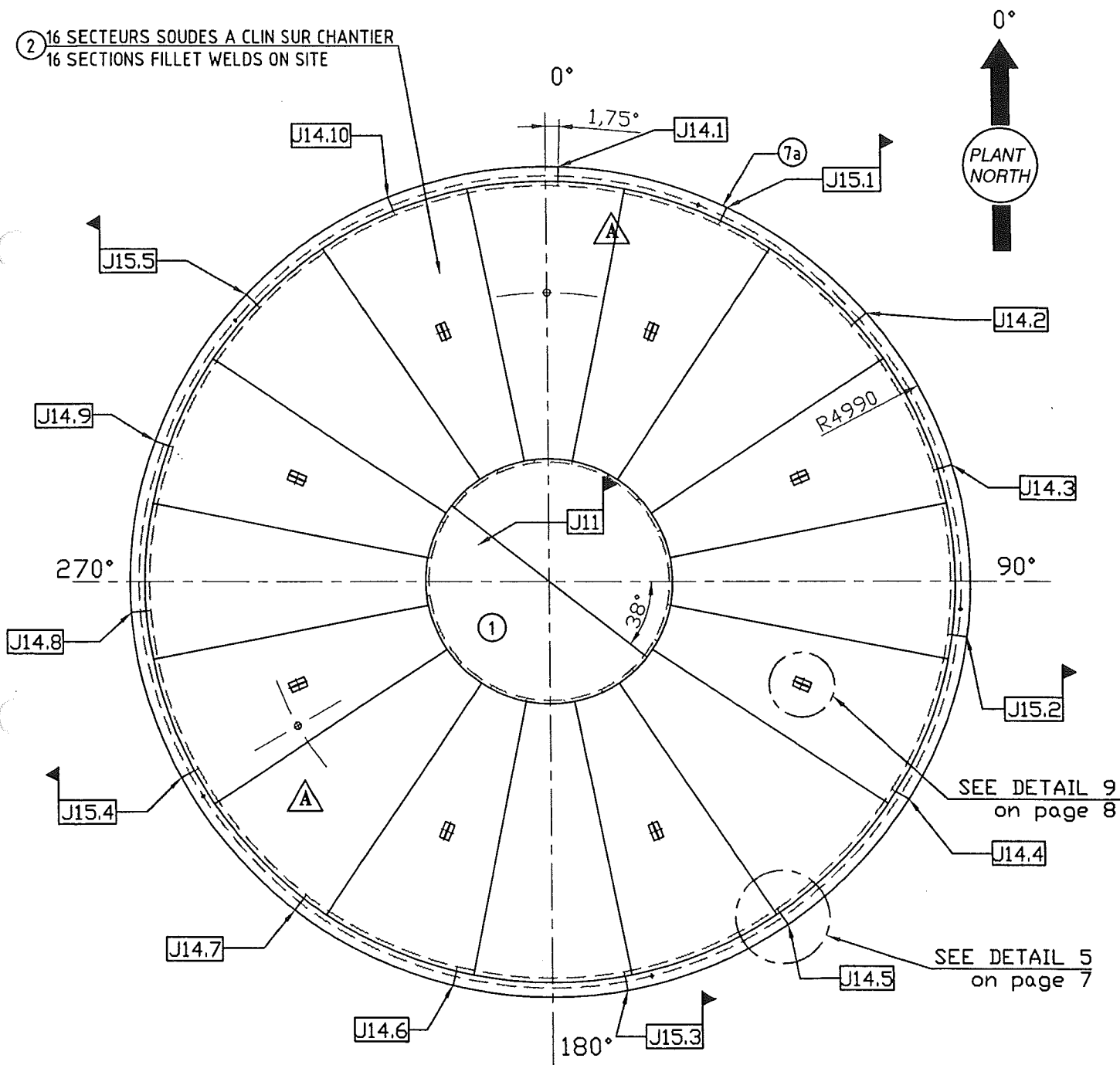
Page/Sheet 5/13

**Client / Customer : AIR LIQUIDE AGS GmbH****Engineered System N° :**

Rev A

**Plan N° : 783-103****INNER VESSEL****WELD LOCATION OF ROOF**Echelle/Scale  
1/70

② 16 SECTEURS SOUDÉS A CLIN SUR CHANTIER  
16 SECTIONS FILLET WELDS ON SITE



Welded joints J11-J14.1 to J14.10 and J15.1 to J15.5 see WPS on  
page 10

For partlists see pages 11 to 13

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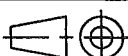


**Dossier CMP Arles : 783**

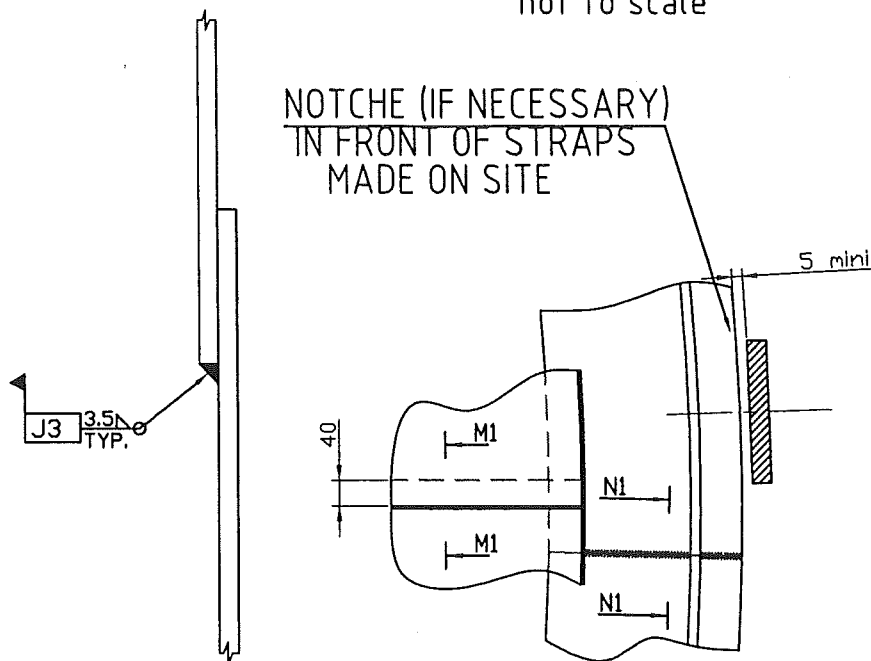
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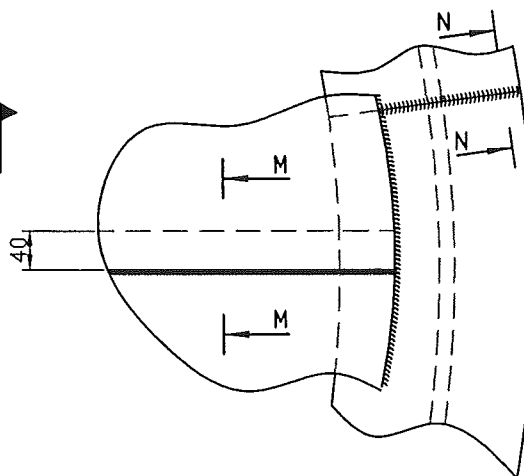
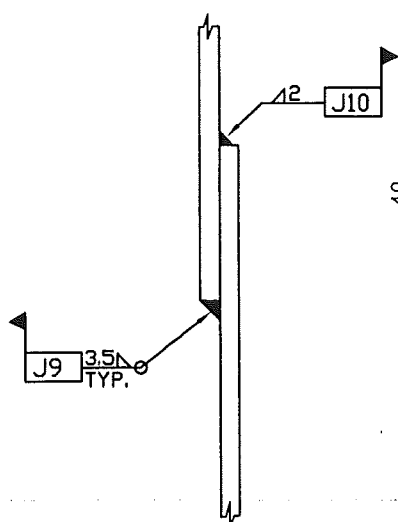
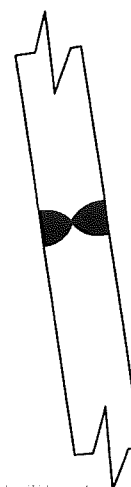
Rev 0

**Plan N° : 783-103****INNER VESSEL****DETAILS** Echelle/Scale  
/**SECTION M1****DETAIL 6**

not to scale

**SECTION N1****DETAIL 5**

not to scale

**SECTION M****SECTION N**

Welded joints J3-J9-J10 see WPS on page 10

For partlists see pages 11 to 13

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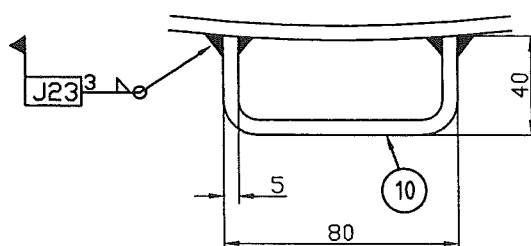
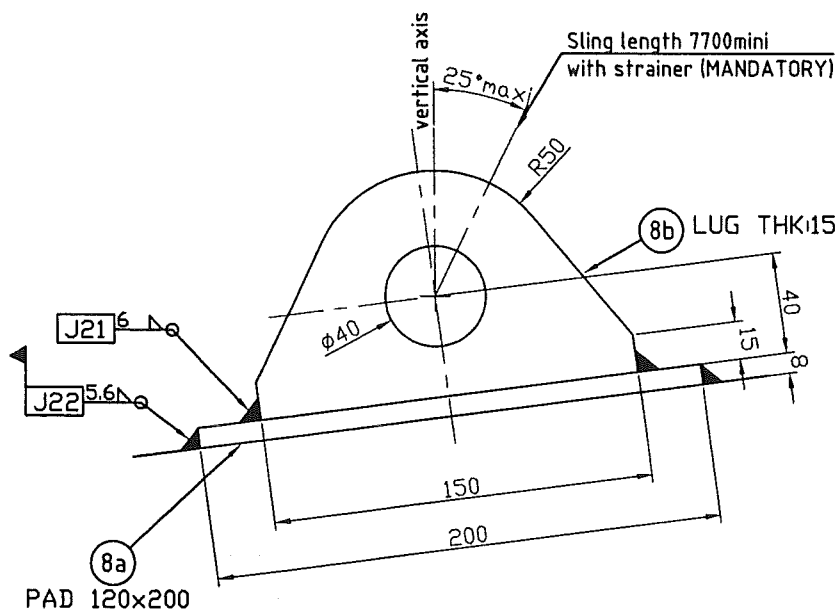
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Rev 0

**Plan N° : 783-103****INNER VESSEL DETAILS FOR ALL TANKS** Echelle/Scale  
/DETAIL 8

not to scale

DETAIL 9

Welded joints J21 to J23 see WPS on page 10

For partlists see pages 11 to 13

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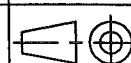
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Page/Sheet 9/13

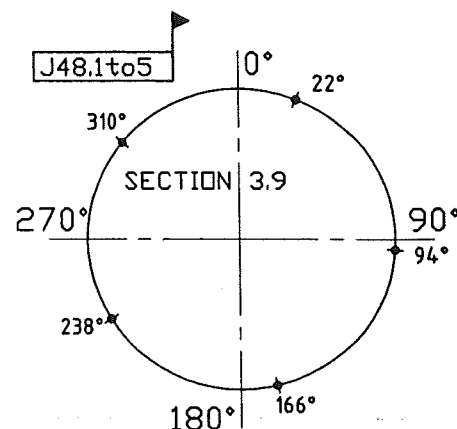
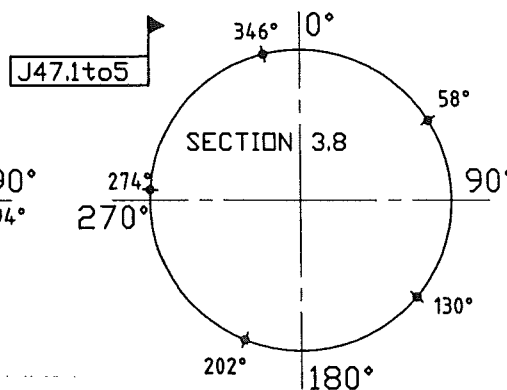
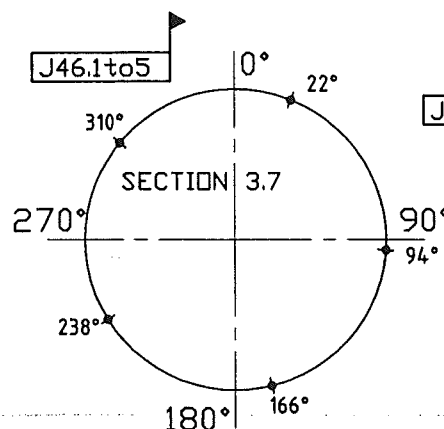
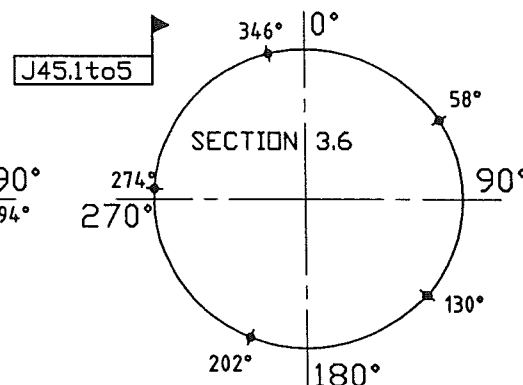
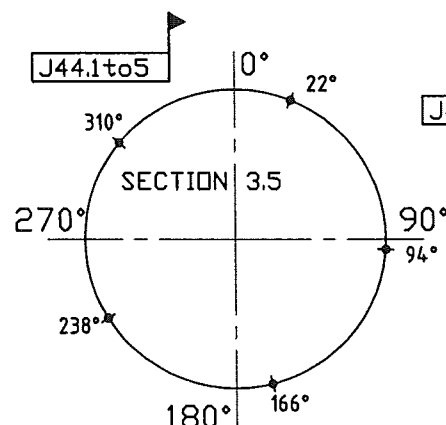
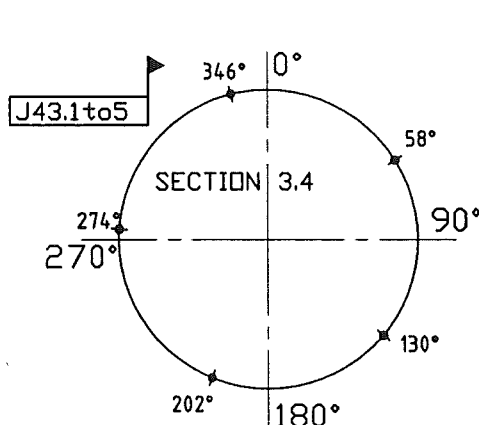
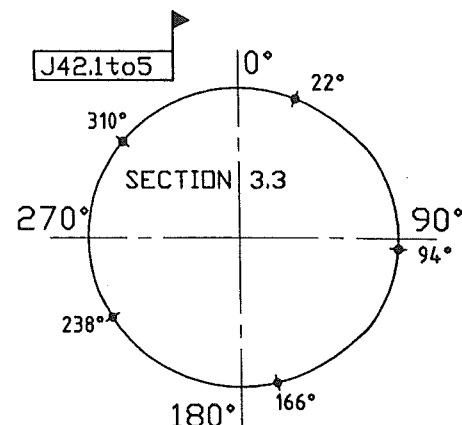
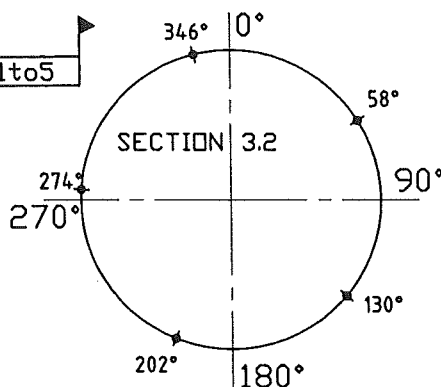
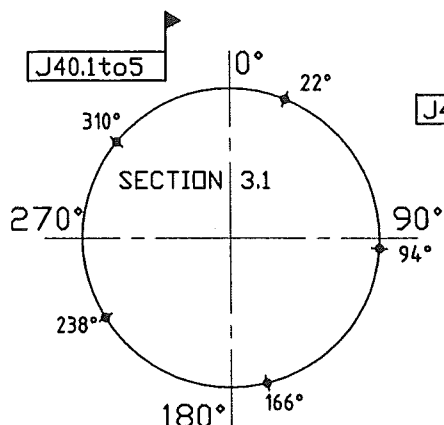
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Engineered System N° :

Rev 0

**Plan N° : 783-103****INNER VESSEL LONGITUDINAL WELDS ORIENTATIONS**

Echelle/Scale /

**ORIENTATIONS DES SOUDURES LONGITUDINALES**  
**LOGITUDINAL WELD ORIENTATIONS**

Welded joints J40 to J48 see WPS on page 10

For partlists see pages 11 to 13

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**Dossier CMP Arles : 783**



Page/Sheet 10/13

**Client / Customer : AIR LIQUIDE AGS GmbH**      **Engineered System N° :**

Rev A

**Plan N° : 783-103**

## INNER VESSEL

Echelle/Scale	
	

### 1) TYPICAL FILLET WELD




2)  = SITE WELDING

Welded joints identification	Welding procedure specification (4)
J1.1to9	1109
J2.1to6	1115/1109
J3	0106
J4	0106
J5	0204
J6	0202
J7	1205
J8	1201/1205
J9	1201/1205
J10	1201/1205
J11	1108
J12	1205
J13	1201
J14.1to10	1135
J15.1to5	1135
J16	1206/1205
J17	1205
J18	1201/1205
J19	1114
J20	1114/1115
J21	1205
J22	1205
J23	1201/1205
J24	1108
J30	1108
J31	1108
J32	1108
J33	1108
J34	1108
J40.1to5	1108
J41.1to5	1108
J42.1to5	1108
J43.1to5	1108
J44.1to5	1108
J45.1to5	1108
(4) see list on CRYO-CS1	

[illegible]

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	Echelle/Scale /
---	--------------------

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## Constructions Métalliques et Préfabrication d'Arles

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**Dossier CMP Arles : 783**

Page/Sheet 12/13

Rev A

**Client / Customer : AIR LIQUIDE AGS GmbH**      **Engineered System N° :**

**Plan N° : 783-103**

## NOMENCLATURE/LISTE DE COLISAGE

## PART LIST/PACKING LIST



Echelle/Scale

1

[illegible]

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**Dossier CMP Arles : 783**

Page/Sheet 13/13

**Client / Customer : AIR LIQUIDE AGS GmbH** Engineered System N° :

Rev B

**Plan N° : 783-103****NOMENCLATURE/LISTE DE COLISAGE**  
PART LIST/PACKING LIST Echelle/Scale  
/

3.G	1	TOLE (plate) thk 6 dia 800		A240 304	3.1b	23	
4.1	1	ELEMENT DE FOND (bottom) 4400x2000x5		A240 304	3.1b	352	
4.2	2	ELEMENT DE FOND (bottom) 2100x2000x5		A240 304	3.1b	336	
4.3	1	ELEMENT DE FOND (bottom) 4170x2000x5		A240 304	3.1b	334	
4.4	3	ELEMENT DE FOND (bottom) 4170x2000x5		A240 304	3.1b	1001	
4.5	1	ELEMENT DE FOND (bottom) 1340x2000x5	B	A240 304	3.1b	108	
4.6	4	ELEMENT DE FOND (bottom) 2142x1230x5		A240 304	3.1b	422	
4.7	1	ELEMENT DE FOND (bottom) 1340x2000x5	B	A240 304	3.1b	108	
6b	1	TOLE (plate) thk 7		A240 304	3.1b	86	
10	420	PONTET (scaffolding support) U80x40 Lg 60 thk 5		A240 304	3.1b	152	
6.1	4	SECTEUR D'ANNEAU D'EMBASE (annular bottom ring section) sub-assembly item				1285	
6a	3	TOLE (plate) thk 7		A240 304	3.1b		
6.2	1	SECTEUR D'ANNEAU D'EMBASE (annular bottom ring section) sub-assembly item				172	
6a	2	TOLE (plate) thk 7		A240 304	3.1b		
7.1	5	SECTEUR D'ANNEAU DE COMPRESSION (compression ring section) sub-assembly item				1260	
7a	3	TOLE (plate) thk 15		A240 304	3.1b		
5	65	ELEMENT DE FRETTE(stiffening ring section) Lg:5000 sub-assembly item				3088	
5a	1	TOLE (plate) thk 5		A240 304	3.1b		
5b	1	TOLE (plate) thk 5		A240 304	3.1b		
8	8	OREILLE DE LEVAGE (lifting lug) sub-assembly item				40	
8a	1	FOURRURE (pad) 120x200x8		A240 304	3.1b		
8b	1	TOLE (plate) thk 15		A240 304	3.1b		
						8767	
REP	Qty	DESIGNATION	rev	NORME/NUANCE	ENI0204	POIDS NET kg	CERTIF N° G
ITEM	Qty	DESIGNATION	rev	NORM/MATERIAL	CERTIF	NET WEIGHT	VISA EXP

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